

Daniela Mertzen

Department of Linguistics
University of Potsdam

Email: mertzen@uni-potsdam.de
Phone: +49-(0)331-977-2127

Campus Golm, House 14, Room 4.36
Karl-Liebknecht-Str. 24/25
14476 Potsdam, Germany

I am currently a PhD candidate at [Shravan Vasishth's lab](#) and a member of research staff within Project B03 (add link: <http://gepris.dfg.de/gepris/projekt/387643341?language=en>) ('Modelling the interaction between eye-movement control and parsing processes') of the SFB 1287 (add link: <https://www.uni-potsdam.de/en/sfb1287/index.html>) *Limits of Variability in Language* (DFG add link: <http://gepris.dfg.de/gepris/projekt/317633480?language=en>) at the University of Potsdam, Germany.

I am interested in the underlying mechanisms of human sentence processing. My current project investigates similarity-based retrieval interference during real-time sentence comprehension in English as well as German, using the eyetracking-while-reading method. This work also examines participants' individual differences in cognitive abilities and task demand.

The English study will be conducted in collaboration with Prof. Brian Dillon (link to page) at UMass Amherst, MA, USA where I am currently a visiting grad student (September-November 2018).

PhD advisors

First advisor: Prof. Shravan Vasishth, Department of Linguistics, University of Potsdam, link to Shravan's page as above

Second advisor: Dr Lena Jäger, Department of Computer Science, University of Potsdam, add link <https://www.uni-potsdam.de/de/cs-ml/staff/phd/lenajaeger.html>

Publications

Shravan Vasishth, Daniela Mertzen, Lena A. Jäger, and Andrew Gelman. **The statistical significance filter leads to overoptimistic expectations of replicability.** *Journal of Memory and Language*, 2018. [[DOI](#) | [http](#)]

Unpublished manuscripts

Lena A. Jäger, Daniela Mertzen, Julie A. Van Dyke, and Shravan Vasishth. **Contrasting facilitation profiles for agreement and reflexives revisited: a large-scale empirical evaluation of the cue-based retrieval model.** MS in preparation, 2018.

Daniela Mertzen, Lena A. Jäger, and Shravan Vasishth. **German relative clauses: The missing-VP effect in double and triple embeddings.** MS in preparation, 2018.

Conference contributions

- Lena A. Jäger, Daniela Mertzen, Julie A. Van Dyke, and Shravan Vasishth. **Contrasting facilitation profiles for agreement and reflexives revisited: A large-scale empirical evaluation of the cue-based retrieval model.** In *Proceedings of the AMLaP Conference*, Berlin, Germany, 2018.
- Shravan Vasishth, Daniela Mertzen, Lena A. Jäger, and Andrew Gelman. **The statistical significance filter leads to overconfident expectations of replicability.** In *Proceedings of the AMLaP Conference*, Berlin, Germany, 2018.
- Shravan Vasishth, Daniela Mertzen, Lena A. Jäger, and Andrew Gelman. **Type M error in practice: A case study.** In *Proceedings of the ISBA World Meeting*, Edinburgh, UK, 2018.
- Shravan Vasishth, Daniela Mertzen, Lena A. Jäger, and Andrew Gelman. **Type M error in practice: A case study.** In *Proceedings of StanCon 2018, Helsinki, Finland*, 2018.
- Kate Stone, Daniela Mertzen, & Shravan Vasishth (2017) **Verb particle predictability determines the facilitation effect of pre-particle material.** In *Proceedings of the AMLaP Conference*, Lancaster, UK, 2017.
- Daniela Mertzen, Lena A. Jäger, and Shravan Vasishth. **The importance of replication in psycholinguistics.** In *Proceedings of the 30th Annual CUNY Conference on Sentence Processing*, Massachusetts Institute of Technology, Boston, MA, USA, 2017.
- Daniela Mertzen, Lena A. Jäger, and Shravan Vasishth. **German relative clauses: The missing-VP effect in double and triple embeddings.** In *Proceedings of the 29th Annual CUNY Conference on Sentence Processing*, University of Florida, Gainesville, FL, USA, 2016.

Teaching

- Summer 2018: Einführung in die Sprachverarbeitung (undergraduate level, taught in German)
- Winter 2017/18: Eye-tracking in Psycholinguistic Research (graduate level, taught in English)
- Summer 2017: Einführung in die Sprachverarbeitung (undergraduate level, taught in German)

Workshops

Together with my colleagues Anna Laurinavichyute ([link page](#)) and Titus von der Malsburg ([link page](#)), I taught an eye-tracking workshop at Higher School of Economics, Moscow, Russia. May 2018.

Background

- M.Sc. International Master's Programme in Experimental and Clinical Linguistics, University of Potsdam
- B.A. Linguistics with English, Nottingham Trent University, United Kingdom